



**APPLICATION FOR UNITED STATES PATENT**  
**Declaration for Patent Application**

As a below named inventor, I hereby declare that:

**My residence, post office address and citizenship are as stated below next to my name.**

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: 1 Optical Disk Device  
the specification of which 2 (file no.

(check at least one)      3 [ ] is attached hereto  
                        4 [X] was filed on April 20, as (5) U.S. Application Serial No. 10/827,522  
                        6 [ ] and was amended on 2004      (if applicable)

Use this portion  
only if you are entering  
the U.S. National phase  
based on a PCT  
International  
Application designating  
the U.S. 7 [ ] was filed as PCT international application  
Number \_\_\_\_\_  
on \_\_\_\_\_  
and was amended under PCT Article(s) 19 and/or 34  
10 on \_\_\_\_\_ (if applicable).

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended, by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 or 365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date earlier than that of the application(s) on which priority is claimed.

Prior (Foreign) Application(s) any Priority Claims Under 35 U.S.C. 119 or 365

**Priority Claimed**

11a	1. Japan (Country)	P. 2003-115569 (Number)	21/April/2003 (Day/Month/Year Filed)	[x] [ ]
	2. Japan	P. 2003-115570 (Number)	21/April/2003 (Day/Month/Year Filed)	Yes No
	3. Japan (Country)	P. 2003-115571 (Number)	21/April/2003 (Day/Month/Year Filed)	x [ ]
	4. Japan	P. 2003-115572 (Number)	21/April/2003 (Day/Month/Year Filed)	Yes No
	5. Japan (Country)	P. 2003-115573 (Number)	21/April/2003 (Day/Month/Year Filed)	x [ ]
	6. Japan (Country)	P. 2003-115574 (Number)	21/April/2003 (Day/Month/Year Filed)	Yes No

[ ] Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

**Priority Claim(s) from U.S. Provisional Application(s)** - I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

11b

Application No.      Day/Month/Year Filed      Application No.      Day/Month/Year Filed  
[ ] Additional provisional application numbers are listed on a supplemental priority data sheet attached hereto.

<p><b>Do not use this portion to identify a PCT application if the parent application is in the U.S. National phase of the PCT application</b></p>	<p>I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) or under Title 35, United States Code, 365 of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between filing date of the prior application and the national or PCT international filing date of this application.</p>
<p>12</p>	<hr/> <p>(U.S. Parent Application or PCT Parent Number)</p> <p>(Parent Filing Date)</p> <p>Status (patented, pending, abandoned)</p>
<p>[ ] Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.</p>	

I hereby appoint the following attorneys of the firm of Stevens, Davis, Miller & Mosher, L.L.P. as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office: James E. Ledbetter, Reg. No. 28732; Thomas P. Pavelko, Reg. No. 31689; and Anthony P. Venturino, Reg. No. 31674.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO STEVENS, DAVIS,  
MILLER & MOSHER, L.L.P., 1615 L Street, N.W., Suite 850, Washington, D.C. 20036, TELEPHONE (202) 408-5100,  
FACSIMILE (202) 408-5200.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

13a	Typewritten Full Name of Sole or First Inventor	<u>Yuji</u>	Given Name	Middle Name	Tanaka	Family Name
14a	Inventor's Signature	<u>Yuji</u> <u>Tanaka</u>				
15a	Date of Signature	7	9	2004		
16a	Residence	<u>Chikusino-shi</u>	<u>Fukuoka-ken</u>	Japan		
17a	Citizenship	<u>Japan</u>				
18a	Post Office Address (Insert complete mailing address, including country)	<u>4-11-15, Utukusigaokaminami, Chikusino-shi, Fukuoka-ken</u> <u>818-0034 Japan</u>				
13b	Typewritten Full Name of Sole or Second Inventor	<u>Kazuo</u>	Given Name	Middle Name	Matsumoto	
14b	Inventor's Signature	<u>Kazuo</u> <u>Matsumoto</u>				
15b	Date of Signature	7	9	2004		
16b	Residence	<u>Kikuchi-gun</u>	<u>Kumamoto-ken</u>	Japan		
17b	Citizenship	<u>Japan</u>				
18b	Post Office Address (Insert complete mailing address, including country)	<u>3495, Suya, Nishigoushi-machi, Kikuchi-gun, Kumamoto-ken</u> <u>861-1102 Japan</u>				
13c	Typewritten Full Name of Sole or Third Inventor	<u>Takeshi</u>	Given Name	Middle Name	Watanabe	
14c	Inventor's Signature	<u>Takeshi</u> <u>Watanabe</u>				
15c	Date of Signature	7	9	2004		
16c	Residence	<u>Tamana-shi</u>	<u>Kumamoto-ken</u>	Japan		
17c	Citizenship	<u>Japan</u>				
18c	Post Office Address (Insert complete mailing address, including country)	<u>Soreado 102, 1963-1, Tsuiji, Tamana-shi, Fumamoto-ken</u> <u>865-0065 Japan</u>				

13d	Typewritten Full Name of Sole or Fourth Inventor	Masanobu		Aramaki
		Given Name	Middle Name	Family Name
14d	Inventor's Signature	<i>Masanobu</i>		<i>Aramaki</i>
15d	Date of Signature	7	9	2004
		Month	Day	Year
16d	Residence	Tamana-shi	Kumamoto-ken	Japan
		City	State or Province	Country
17d	Citizenship	Japan		
18d	Post Office Address (Insert complete mailing address, including country)	Topia Rokuta 102, 1-7, Rokuta, Tamana-shi, Kumamoto-ken 865-0058 Japan		
13e	Typewritten Full Name of Sole or Fifth Inventor	Hidetaka		Taguchi
		Given Name	Middle Name	Family Name
14e	Inventor's Signature	<i>Hidetaka</i>		<i>Taguchi</i>
15e	Date of Signature	7	9	2004
		Month	Day	Year
16e	Residence	Tamana-shi	Kumamoto-ken	Japan
		City	State or Province	Country
17e	Citizenship	Japan		
18e	Post Office Address (Insert complete mailing address, including country)	Kureseru Haruide 102, 928-3, Naka, Tamana-shi, Kumamoto-ken 869-0064 Japan		
13f	Typewritten Full Name of Sole or Sixth Inventor	Shingo		Sagata
		Given Name	Middle Name	Family Name
14f	Inventor's Signature	<i>Shingo</i>		<i>Sagata</i>
15f	Date of Signature	7	9	2004
		Month	Day	Year
16f	Residence	Tamana-shi	Kumamoto-ken	Japan
		City	State or Province	Country
17f	Citizenship	Japan		
18e	Post Office Address (Insert complete mailing address, including country)	31-7-201, Rokuta, Tamana-shi, Kumamoto-ken 865-0058 Japan		

\*Note to Inventor: Please sign name on line 14 exactly as it appears in line 13 and insert the actual date of signing on line 15. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.

13d	Typewritten Full Name of Sole or <del>Joint</del> Inventor 7th	Given Name	Middle Name	Family Name
14d	Inventor's Signature	<u>Yuichi</u>		<u>Uchikawa</u>
15d	Date of Signature	7 Month	9 Day	2004 Year
16d	Residence	Miyaki-gun City	Saga-ken State or Province	Japan Country
17d	Citizenship	Japan		
18d	Post Office Address (Insert complete mailing address, including country)	7219, Harakoga, Nakabaru-chou, Miyaki-gun, Saga-ken 849-0101 Japan		
13e	Typewritten Full Name of Sole or <del>Joint</del> Inventor 8th	Given Name	Middle Name	Family Name
14e	Inventor's Signature	<u>Takashi</u>		<u>Morishita</u>
15e	Date of Signature	7 Month	9 Day	2004 Year
16e	Residence	Tamana-shi City	Kumamoto-ken State or Province	Japan Country
17e	Citizenship	Japan		
18e	Post Office Address (Insert complete mailing address, including country)	928-3, Naka, Tamana-shi, Kumamoto-ken 865-0064 Japan		
13f	Typewritten Full Name of Sole or <del>Joint</del> Inventor 9th	Given Name	Middle Name	Family Name
14f	Inventor's Signature	<u>Fumihide</u>		<u>Maeda</u>
15f	Date of Signature	7 Month	9 Day	2004 Year
16f	Residence	Oomuta-shi City	Fukuoka-ken State or Province	Japan Country
17f	Citizenship	Japan		
18e	Post Office Address (Insert complete mailing address, including country)	1-62-3, Takarasaka-machi, Oomuta-shi, Fukuoka-ken 836-0861 Japan		

\*Note to Inventor: Please sign name on line 14 exactly as it appears in line 13 and insert the actual date of signing on line 15. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.

13d	Typewritten Full Name of Sole or <del>Fourth</del> Inventor 10th	Masanari		Esaki
14d	Inventor's Signature	<i>Masanari</i>		<i>Esaki</i>
15d	Date of Signature	7	9	2004
16d	Residence	Oomuta-shi	Fukuoka-ken	Japan
		City	State or Province	Country
17d	Citizenship	82-1-302, Katahira-machi, Oomuta-shi, Fukuoka-ken		
18d	Post Office Address <i>(Insert complete mailing address, including country)</i>	836-0082 Japan		
13e	Typewritten Full Name of Sole or <del>Fourth</del> Inventor 11th	Hirohisa		Koizumi
14e	Inventor's Signature	<i>Hirohisa</i>		<i>Koizumi</i>
15e	Date of Signature	7	9	2004
16e	Residence	Tamana-shi	Kumamoto-ken	Japan
17e	Citizenship	Japan	State or Province	Country
18e	Post Office Address <i>(Insert complete mailing address, including country)</i>	259-18, Hanegi, Tamana-shi, Kumamoto-ken 865-0051 Japan		
13f	Typewritten Full Name of Sole or <del>Sixth</del> Inventor 12th	Shinichi		Tokumaru
14f	Inventor's Signature	<i>Shinichi</i>		<i>Tokumaru</i>
15f	Date of Signature	7	9	2004
16f	Residence	Yamaga-shi	Kumamoto-ken	Japan
17f	Citizenship	Japan	State or Province	Country
18e	Post Office Address <i>(Insert complete mailing address, including country)</i>	815-5, Naka, Yamaga-shi, Kumamoto-ken 861-0531 Japan		

\*Note to Inventor: Please sign name on line 14 exactly as it appears in line 13 and insert the actual date of signing on line 15. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.

13d	Typewritten Full Name of Sole or <del>Fourth</del> Inventor 13th	Hiroki		Kokubu
14d	Inventor's Signature	<u>Hiroki</u>		<u>Kokubu</u>
15d	Date of Signature	7	9	2004
16d	Residence	Kurume-shi	Fukuoka-ken	Japan
		City	State or Province	Country
17d	Citizenship	Japan		
18d	Post Office Address (Insert complete mailing address, including country)	1483-3, Kokubu-machi, Kurume-shi, Fukuoka-ken 839-0863 Japan		
13e	Typewritten Full Name of Sole or <del>Fifth</del> Inventor 14th	Hisashi		Arai
14e	Inventor's Signature	<u>Hisashi</u>		<u>Arai</u>
15e	Date of Signature	7	9	2004
16e	Residence	Fukuoka-shi	Fukuoka-ken	Japan
17e	Citizenship	City Japan	State or Province	Country
18e	Post Office Address (Insert complete mailing address, including country)	4-38-27, Najima, Higashi-ku, Fukuoka-shi, Fukuoka-ken 813-0043 Japan		
13f	Typewritten Full Name of Sole or <del>Sixth</del> Inventor 15th	Takeshi		Sugimoto
14f	Inventor's Signature	<u>Takeshi</u>		<u>Sugimoto</u>
15f	Date of Signature	7	9	2004
16f	Residence	Miyaki-gun	Saga-ken	Japan
17f	Citizenship	City Japan	State or Province	Country
18e	Post Office Address (Insert complete mailing address, including country)	2534-4, Shirakabe, Kitashigeyasu-cho, Miyaki-gun, Saga-ken 849-0111 Japan		

\*Note to Inventor: Please sign name on line 14 exactly as it appears in line 13 and insert the actual date of signing on line 15. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.